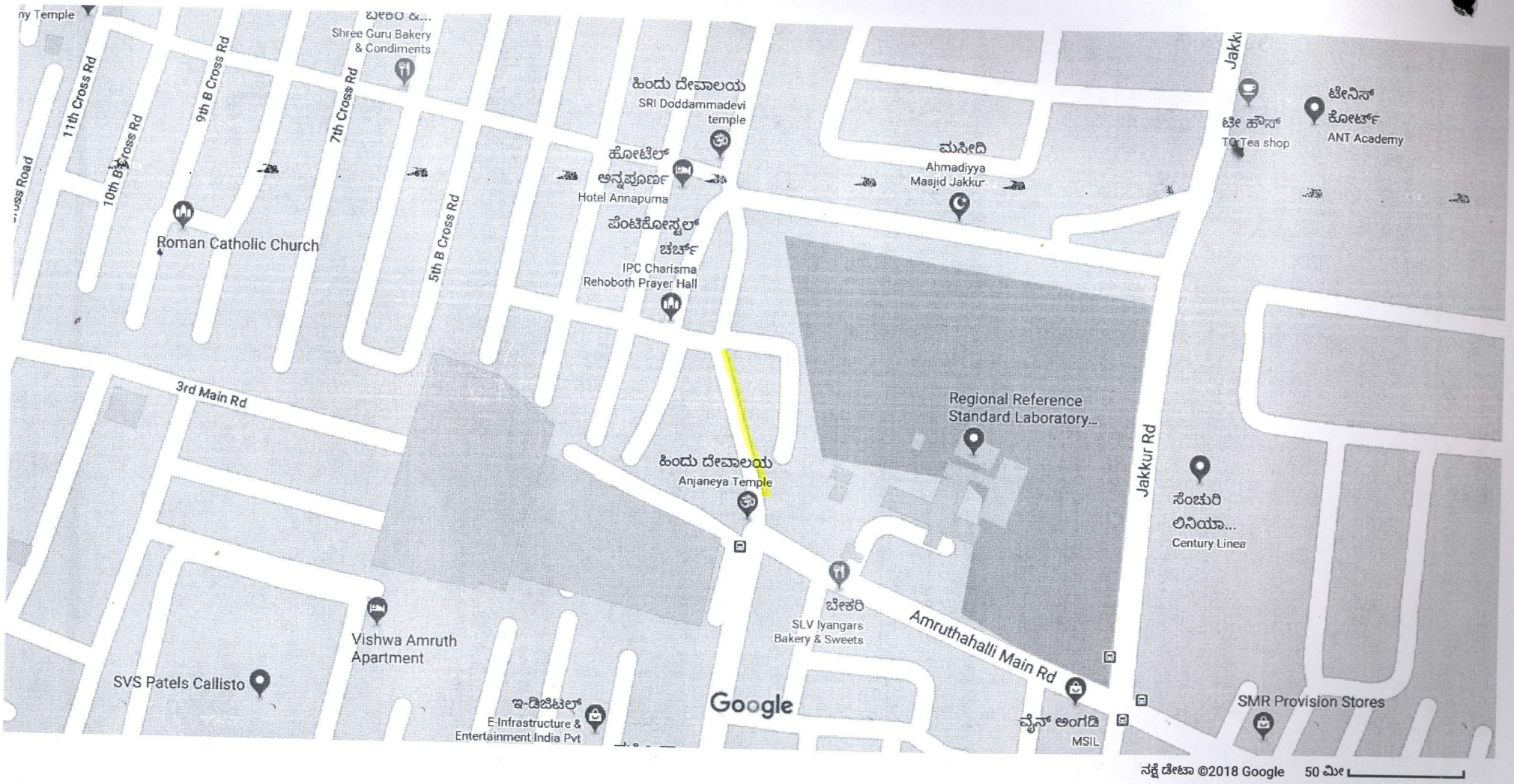
BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

e of the work: **Estimate for Improvements of Roasd and Drains in Jakkur Colony in Ward No. 07, tarayanapura.**

				Estimate Cost:			2500000.00	
	Description	Unit	No.	L	B	D	Qty	Rate	Amount
	KSRRB 300-1. Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications MORTH chapter 3. **Page No. 142 / Item No. 19.1 / PWD SR 2016-17**	Cum							
	Desilting of Drain R/S		1	206.00	0.60	0.60	74.16		
	Basic Rate	82.00					**74.16**	199.36	**14785.00**
	Add loading and unloading Charges **It No 17.1 KSRRB M 100-1**	68.00							
	Average weight of earth 1.28 tonne / kg for 11.90 Km = 1.28 T X 11.90Km X 2.5 Tonne / km = 38.08	38.08							
		188.08							
	Area Weightage @ 6%	11.28							
	Total	**199.36**							
2	KSRB 4-1.3 : Providing and laying in position plain cement concrete of **mix 1:4:8 with OPC cement @ 180 kgs with 40mm** and down size graded granite metal coarse aggregates @ 0.85cum and fine aggregares @ 0.57 cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2. **No. 12 / Item No. 4.3 / PWD SR 2016-17**	Cum							
	Bottom Concrete		1	206.00	0.60	0.15	18.54		
	Basic Rate	4867.00					**18.54**	5159.02	**95648.00**
	Area Weightage @ 6%	292.02							
	Total	**5159.02**							
3	KSRB 5.2.3 : Providing and constructing granite / trap / basalt size stone masonry in **foundation with cement mortar 1:6**, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.KBS 5.1.13 **Page No. 23 / Item No. 5.6 / PWD SR 2016-17**	Cum							
			2	206.00	0.60	0.45	111.24		
			2	206.00	0.45	0.45	83.43		
	Consider 50% of the Damage Portion						97.34		
	For Raising of SSM Drain		2	206.00	0.45	0.23	42.64		
	Basic Rate	4187.00					**139.98**	4438.22	**621249.00**
	Area Weightage @ 6%	251.22							
	Total	**4438.22**							
4	KSRB 15.1.2: Providing flush pointing to square rubble, course or uncoursed stone masonry with cement mortar 1:4, 20 mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. **Page No. 113 / Item No. 15.2 / PWD SR 2016-17**	Sqm							
			2	206.00		0.95	391.40		

Google Improvements of roads and drains in Jakkur colony in ward no.07, byatarayanapura:

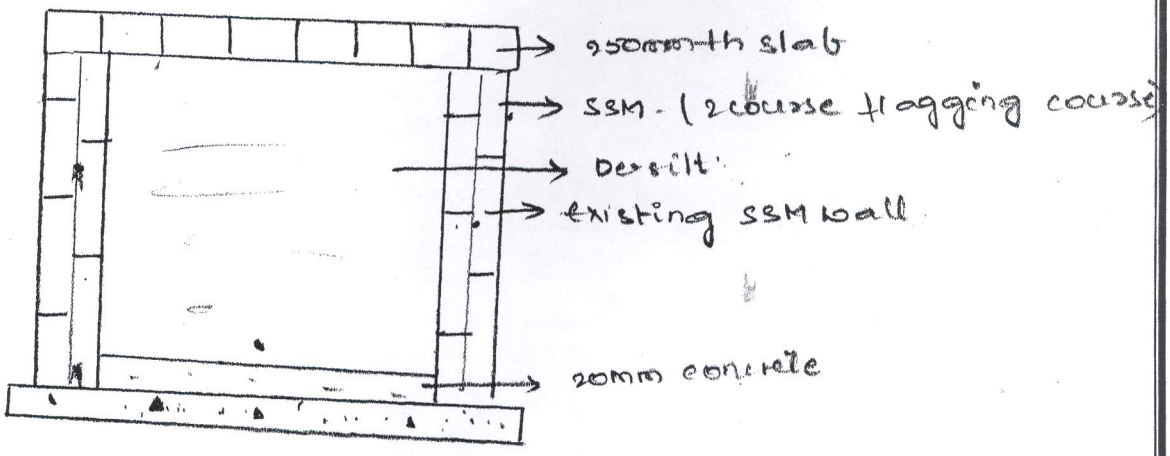


Asst Exe. Engg
AE(W7)

AEE

- Improvements to drains

Improvements of roads and drains in Sattars colony.
[illegible] in ward no.07., Byatarayanapura.



Assistant Engineer
Ward No.07

Assistant Executive Engineer
Kodigehalli Sub Division, BBMP